

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International publication date

16 October 2003 (16.10.2003)

PCT

(10) International publication number

WO 03/086020 A2

(51) International patent classification⁷:
6/36

H05B 6/02,

KLEIN, Rémy [FR/FR]; 67, rue de la Vallée, F-68570
Soultzmatt (FR). KOENIG, Louis [FR/FR]; 5, rue
d'Issenheim, F-68500 Guebwiller (FR).

(21) International application number:

PCT/FR03/01033

(22) International filing date:

2 April 2003 (02.04.2003)

(74) Representative: ARMENGAUD, Alain; Cabinet
ARMENGAUD AINE, 3, avenue Bugeaud, F-75116
Paris (FR).

(25) Language of filing:

French

(26) Language of publication:

French

(30) Data relating to the priority:

02/04,218

4 April 2002 (04.04.2002)

FR

(81) Designated states (*national*): AE, AG, AL, AM, AT,
AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO,
CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB,
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

(72) Inventors; and

(75) Inventors/Applicants (*US only*): PFISTER, Gérard [FR/FR];
10, rue du Demberg, F-68530 Buhl (FR).

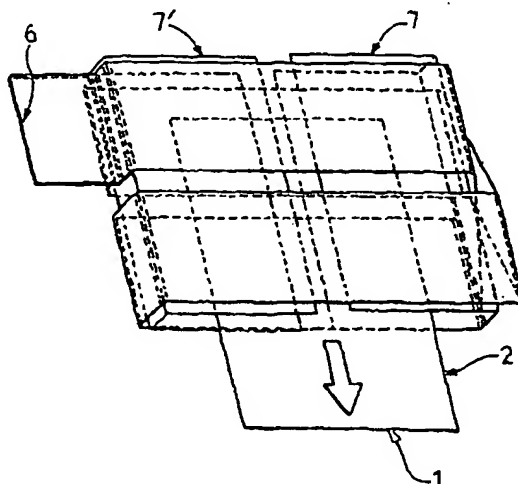
(84) Designated states (*regional*): ARIPO Patent (GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European Patent (AT, BE, BG, CH, CY, CZ,
DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,

[continued on next page]

As printed

(54) Title: IMPROVEMENTS TO HEATING INDUCTORS, IN PARTICULAR OF METAL STRIPS

(54) Titre : PERFECTIONNEMENTS APPORTES AUX INDUCTEURS DE CHAUFFAGE, NOTAMMENT DE BANDES MÉTALLIQUES



(57) Abstract: The invention concerns a heating system by induction of metal products, in particular metal strips with longitudinal magnetic flux, characterized in that the inductor (6) comprises between its coils, two magnetic field deflectors (7, 7') whereof the shape and arrangement are selected such that they mask the inductor coils at the edges (2) of the strip (1).

(57) Abrégé : Système de chauffage par induction de produits métalliques, notamment des bandes, à flux magnétique longitudinal, caractérisé en ce que l'inducteur (6), comporte entre ses spires, deux déflecteurs de champ magnétique (7, 7') dont la forme et la disposition sont choisies de façon qu'ils masquent les spires de l'inducteur au niveau des rives (2) de la bande (1). (figure 3)

WO 03/086020 A2